

MATERIAL SAFETY DATA SHEET

DALCO INDUSTRIES 170 W.Providencia Burbank, Ca.91503 (818)242-4433

SECTION I PRODUCT IDENTIFICATION

Product Name SLE-3012-A
Chemical Family Epoxy Resin System

SECTION II HAZARDOUS INGREDIENTS

Component	Percent	PEL	TLV
Bisphenol A Diglycidyl Ether Resin (CAS# 25068-38-6)	60-75		
Brominated Glycidyl Ether Resin (CAS# NA)	25-40		

SECTION III PHYSICAL DATA

Appearance paste
Color pale orange
Odor slight
Boiling point >200 C
Vapor pressure not determined
Specific gravity 1.27
Bulk density 10.6 lbs/gal
Solubility insoluble
Percent volatile 0.3 %, max.

SECTION IV FIRE AND EXPLOSION DATA

Flash Point 490 F, Tag closed cup
Extinguishing media CO2, dry chemicals, foam, water spray
Special fire fighting procedures
Use self-contained breathing apparatus
Unusual fire or explosion hazards
Decomposition and combustion products may be toxic.

SECTION V HEALTH EFFECTS DATA

Animal toxicity
Oral, LD50 (ingestion) >10000 mg/kg (rat)
Dermal, LD50 (skin contact) >6000 mg/kg (rabbit)
Inhalation, LC50 no deaths in saturated air for 8 hr
Skin effects moderate irritation
Eye effects slight irritation
Other

Human effects

Of overexposure
Moderate eye and skin irritation, sensitization

Route of entry

Threshold limit value not determined

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SECTION VI EMERGENCY AND FIRST AID PROCEDURES

Eye contact

Immediately flush eyes with water for 15 minutes.

Skin contact

Wash with soap and water at first opportunity. Remove contaminated clothing and wash before reuse.

Inhalation

Remove to fresh air. Give oxygen if breathing is difficult.

Ingestion

If conscious, give large quantities of water or milk. Induce vomiting. Call a physician.

SECTION VII EMPLOYEE PROTECTION RECOMMENDATIONS

Eye protection

Wear splash-proof chemical goggles.

Skin protection

Wear impervious gloves.

Ventilation and respiratory protection

Good general mechanical ventilation and local exhaust.

Other

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SECTION VIII REACTIVITY DATA

Stability Stable

Polymerization Will not occur

Conditions to avoid

None

Incompatibility (Materials to avoid)

Strong acids, amines, mercaptans, bases

Hazardous decomposition products

CO₂, CO, aldehydes, HBr, bromine, mercaptan

SECTION IX SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Absorb onto sand or other absorbent material. Shovel into closeable container for disposal. Flush contaminated area with water.

Waste disposal method

Landfill or incinerate in accordance with federal, state, or local regulations.

SECTION X SPECIAL PRECAUTIONS AND STORAGE DATA

Storage temperature(min/max) 60 F/ 90 F

Average shelf life 12 months @ 77 F (25 C)

Special sensitivity (heat/light/moisture)

None

Precautions to be taken in handling and storing

Handle as to avoid prolonged or repeated physical contact.

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SECTION XI SHIPPING DATA

DOT shipping name	Non-restricted, N.O.I.
Technical shipping name	Plastic materials
DOT hazard classification	Non-restricted
UN/NA number	None
IATA classification	Non-restricted
DOT labels required	None

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